

IN THE CLAIMS

Please amend the claims as follows:

1-9. (Canceled)

10. (Currently Amended): A communication method for a communication system including a base station and a terminal, the terminal transmitting a data as a new data to the base station, and upon receiving an NAK signal indicating a reception failure from the base station as a response to the transmission of the new data, transmitting the data as a retransmission data to the base station, the communication method comprising:

a first step

for the base station to transmit, in response to a transmission request from the terminal, information on a value of a resource for data transmission that is used for a communication between the base station and the terminal;

a second step

for the terminal to receive, from the base station, information on the value of the resource for data transmission;

a third step

for the terminal to transmit a plurality of data packets as the new data to the base station based on the value of the resource for data transmission, the plurality of data packets excluding ACK and NAK packets; and

a fourth step

for the terminal to autonomously ~~retransmit assign the resource for autonomous retransmission of~~ a data packet from the plurality of data packets to the base station without sending a transmission request to the base station for [[a]] the resource to autonomously retransmit the data packet upon reception of the NAK

signal from the base station indicating transmission failure of the data packet in the third step.

11. (Currently Amended): A communication system, comprising:
a base station; and
a terminal that transmits a data as a new data to the base station, and upon receiving an NAK signal indicating a reception failure from the base station as a response to the transmission of the new data, transmits the data as a retransmission data to the base station, wherein

the base station includes

a first unit to transmit, in response to a transmission request from the terminal, information on a value of a resource for data transmission that is used for a communication between the base station and the terminal,

the terminal includes

a second unit that receives, from the base station, information on the value of the resource for data transmission;

a third unit that transmits a plurality of data packets as the new data to the base station based on the value of the resource for data transmission, the plurality of data packets excluding ACK and NAK packets; and

a fourth unit that autonomously retransmits assigns the resource for the autonomous retransmission of a data packet from the plurality of data packets to the base station without sending a transmission request to the base station for [[a]] the resource to autonomously retransmit the data packet upon reception of the NAK signal from the base station indicating transmission failure of the data packet by the third unit.

12. (Currently Amended): A communication method for a terminal that builds a communication system with a base station, the terminal transmitting a data as a new data to the base station, and upon receiving an NAK signal indicating a reception failure from the base station as a response to the transmission of the new data, transmitting the data as a retransmission data to the base station, the communication method comprising:

a first step for receiving, from the base station in response to a transmission request from the terminal, information on a value of a resource for data transmission that is used for a communication between the base station and the terminal;

a second step for transmitting a plurality of data packets as the new data to the base station based on the value of the resource for data transmission, the plurality of data packets excluding ACK and NAK packets; and

a third step for autonomously retransmitting assigning the resource for autonomous retransmission of a data packet from the plurality of data packets to the base station without sending a transmission request to the base station for [[a]] the resource to autonomously retransmit the data packet upon reception of the NAK signal from the base station indicating transmission failure of the data packet in the second step.

13. (Currently Amended): A terminal that builds a communication system with a base station, the terminal transmitting a data as a new data to the base station, and upon receiving an NAK signal indicating a reception failure from the base station as a response to the transmission of the new data, transmitting the data as a retransmission data to the base station, the terminal comprising:

a first unit that receives, from the base station in response to a transmission request from the terminal, information on a value of a resource for data transmission that is used for a communication between the base station and the terminal;

a second unit that transmits a plurality of data packets as the new data to the base station based on the value of the resource for data transmission, the plurality of data packets excluding ACK and NAK packets; and

a third unit that autonomously retransmits assigns the resource for autonomous retransmission of a data packet from the plurality of data packets to the base station without sending a transmission request to the base station for [[a]] the resource to autonomously retransmit the data packet upon reception of the NAK signal from the base station indicating transmission failure of the data packet by the second unit.

14. (Previously Presented): The communication method according to claim 10, wherein in the fourth step the data packet is autonomously retransmitted after a predetermined time defined between the terminal and the base station has elapsed since reception of the NAK signal.

15. (Currently Amended): The communication method according to claim 10, wherein in the fourth step the [[the]] data packet is autonomously retransmitted at a coding rate lower than an initial coding rate used in the third step.

16. (Previously Presented): The communication system according to claim 11, wherein

the base station further includes a scheduling unit configured to estimate a transmission time zone for the data packet autonomously retransmitted by the terminal, and

the first unit transmits information on the value of the resource for data transmission to another terminal that requests resource assignment from the base station, the information on the value of the resource for data transmission incorporating the estimated transmission time zone estimated by the scheduling unit.

17. (Previously Presented): The terminal according to claim 13, wherein the third unit autonomously retransmits the data packet to the base station after a predetermined time has elapsed since the NAK signal is received, the predetermined time defined between the terminal and the base station.

18. (Previously Presented): The terminal according to claim 13, wherein the third unit autonomously retransmits the data packet to the base station at a coding rate lower than an initial coding rate used by the second unit.

19. (Currently Amended): The communication method according to claim 14, further comprising:

a fifth step for the base station to estimate a transmission time zone for the [[the]] data packet autonomously retransmitted in the fourth step; and

a sixth step for the base station to transmit information on the value of the resource for data transmission to another terminal that requests resource assignment from the base station, the information on the value of the resource for data transmission incorporating the estimated transmission time zone.

20. (Previously Presented): The communication method according to claim 10, wherein the resource represents a transmission permitted time during which data can be transmitted from the terminal to the base station.

21. (Previously Presented): The communication method according to claim 10, wherein the resource represents a maximum number of bits which is permitted for the terminal to transmit to the base station.

22. (Previously Presented): The communication method according to claim 10, wherein the resource represents a transmission rate at which data is transmitted from the terminal to the base station.

23. (Previously Presented): The communication method according to claim 11, wherein the resource represents a transmission permitted time during which data can be transmitted from the terminal to the base station.

24. (Previously Presented): The communication method according to claim 11, wherein the resource represents a maximum number of bits which is permitted for the terminal to transmit to the base station.

25. (Previously Presented): The communication method according to claim 11, wherein the resource represents a transmission rate at which is transmitted from the terminal to the base station.

26. (Previously Presented): The communication method according to claim 12, wherein the resource represents a transmission permitted time during which data can be transmitted from the terminal to the base station.

27. (Previously Presented): The communication method according to claim 12, wherein the resource represents a maximum number of bits which is permitted for the terminal to transmit to the base station.

28. (Previously Presented): The communication method according to claim 12, wherein the resource represents a transmission rate at which data is transmitted from the terminal to the base station.

29. (Previously Presented): The terminal according to claim 13, wherein the resource represents a transmission permitted time during which data can be transmitted from the terminal to the base station.

30. (Previously Presented): The terminal according to claim 13, wherein the resource represents a maximum number of bits which is permitted for the terminal to transmit to the base station.

31. (Previously Presented): The terminal according to claim 13, wherein the resource represents a transmission rate at which data is transmitted from the terminal to the base station.